

# Office of Nuclear and Facility Safety Standards

## Nuclear and Facility Safety Technical Standards Documents

Standard Identifier	Author	Document Title
<b><u>HANDBOOKS</u></b>		
DOE-HDBK-1001-96	John Yoder	<i>Guide to Good Practices for Training and Qualification of Instructors</i> (replaced DOE-NE-STD-1001-91)
DOE-HDBK-1002-96	John Yoder	<i>Guide to Good Practice for Training and Qualification of Chemical Operators</i> (replaced DOE-NE-STD-1002-91)
DOE-HDBK-1003-96	John Yoder	<i>Guide to Good Practices for Training and Qualification of Maintenance Personnel</i> (replaced DOE-NE-STD-1003-91)
DOE-HDBK-1010-92	John Yoder	<i>Classical Physics</i> , June 1992 (reaffirmed April 1999)
DOE-HDBK-1011/1-92	John Yoder	<i>Electrical Science</i> , Volume 1 of 4, June 1992 (reaffirmed April 1999)
DOE-HDBK-1011/2-92	John Yoder	<i>Electrical Science</i> , Volume 2 of 4, June 1992 (reaffirmed April 1999)
DOE-HDBK-1011/3-92	John Yoder	<i>Electrical Science</i> , Volume 3 of 4, June 1992 (reaffirmed April 1999)
DOE-HDBK-1011/4-92	John Yoder	<i>Electrical Science</i> , Volume 4 of 4, June 1992 (reaffirmed April 1999)
DOE-HDBK-1012/1-92	John Yoder	<i>Thermodynamics, Heat Transfer, and Fluid Flow</i> , Volume 1 of 3, June 1992 (reaffirmed April 1999)
DOE-HDBK-1012/2-92	John Yoder	<i>Thermodynamics, Heat Transfer, and Fluid Flow</i> , Volume 2 of 3, June 1992 (reaffirmed April 1999)
DOE-HDBK-1012/2-92	John Yoder	<i>Thermodynamics, Heat Transfer, and Fluid Flow</i> , Volume 3 of 3, June 1992 (reaffirmed April 1999)
DOE-HDBK-1013/1-92	John Yoder	<i>Instrumentation and Control</i> , Volume 1 of 2, June 1992 (reaffirmed April 1999)
DOE-HDBK-1013/2-92	John Yoder	<i>Instrumentation and Control</i> , Volume 2 of 2, June 1992 (reaffirmed April 1999)
DOE-HDBK-1013/3-92	John Yoder	<i>Instrumentation and Control</i> , Volume 3 of 2, June 1992 (reaffirmed April 1999)
DOE-HDBK-1014/1-92	John Yoder	<i>Mathematics</i> , Volume 1 of 2, June 1992 (reaffirmed April 1999)
DOE-HDBK-1014/2-92	John Yoder	<i>Mathematics</i> , Volume 2 of 2, June 1992 (reaffirmed April 1999)

# Office of Nuclear and Facility Safety Standards

## Nuclear and Facility Safety Technical Standards Documents

<b>Standard Identifier</b>	<b>Author</b>	<b>Document Title</b>
DOE-HDBK-1015/1-92	John Yoder	<i>Chemistry</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1015/2-93	John Yoder	<i>Chemistry</i> , Volume 2 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1016/1-93	John Yoder	<i>Engineering Symbolology, Prints and Drawings</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1016/2-93	John Yoder	<i>Engineering Symbolology, Prints and Drawings</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1017/1-93	John Yoder	<i>Materials Science</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1017/2-93	John Yoder	<i>Materials Science</i> , Volume 2 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1018/1-93	John Yoder	<i>Mechanical Science</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1018/2-93	John Yoder	<i>Mechanical Science</i> , Volume 2 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1019/1-93	John Yoder	<i>Nuclear Physics and Reactor Theory</i> , Volume 1 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1019/2-93	John Yoder	<i>Nuclear Physics and Reactor Theory</i> , Volume 2 of 2, January 1993 (reaffirmed April 1999)
DOE-HDBK-1062-96	Jim Bisker	<i>DOE Fire Protection Handbook</i>
DOE-HDBK-1074-95	John Yoder	<i>Alternative Systematic Approaches to Training</i> (reaffirmed October 2001)
DOE-HDBK-1076-94	John Yoder	<i>Table-Top Job Analysis, December 1994</i> (reaffirmed April 1999)
DOE-HDBK-1078-94	John Yoder	<i>Training Program Handbook: A Systematic Approach to Training</i> , (Superseded DOE- STD-0102T, TAP-2, and DOE-STD-1077-94), August 1994 (reaffirmed April 1999)
DOE-HDBK-1079-94	John Yoder	<i>Primer on Tritium Safe Handling Practices</i> , April 1994 (reaffirmed April 1999)
DOE-HDBK-1080-97	John Yoder	<i>Guide to Good Practices for Oral Examinations</i>
DOE-HDBK-1084-95	John Yoder	<i>Primer on Lead-Acid Storage Batteries</i>
DOE-HDBK-1086-95	John Yoder	<i>Table-Top Training Program Design</i> , April 1995 (reaffirmed October 2001)
DOE-HDBK-1092-98	Pat Tran	<i>Electrical Safety</i>

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## Nuclear and Facility Safety Technical Standards Documents

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DOE-HDBK-1099-96	John Yoder	<i>Establishing Nuclear Facility Drill Programs</i> , October 1995
DOE-HDBK-1103-96	John Yoder	<i>Table-Top Needs Analysis</i>
DOE-HDBK-1114-98	John A. Yoder	<i>Guide to Good Practices for Line and Training Manager Activities</i> (superseded DOE-STD-1056-93)
DOE-HDBK-1115-98	John A. Yoder	<i>Guide to Good Practices for the Selection, Training, and Qualification of Shift Technical Advisors</i> (replaced DOE STD-1057-93)
DOE-HDBK-1116-98	John Yoder	<i>Guide to Good Practices for Developing and Conducting Case Studies</i> (replaced DOE-STD-1058-93)
DOE-HDBK-1117-99	John Yoder	<i>Guide to Good Practices for Maintenance Supervisor Selection and Development</i> (superseded DOE-STD-1059-93)
DOE-HDBK-1118-99	John Yoder	<i>Guide to Good Practices for Continuing Training</i> (superseded DOE-STD-1060-93)
DOE-HDBK-1119-99	John Yoder	<i>Guide to Good Practices for the Selection, Training, and Qualification of Shift Supervisors</i> (replaced DOE-STD-1061-93)
DOE-HDBK-1132-99	Richard Stark	<i>Design Considerations</i>
DOE-HDBK-1200-97	John Yoder	<i>Guide to Good Practices for Developing Learning Objectives</i> (replaced DOE-STD-1005-92)
DOE-HDBK-1201-97	John Yoder	<i>Guide to Good Practices: Evaluation Instrument Examples</i> (replaced DOE-STD-1006-92)
DOE-HDBK-1202-97	John Yoder	<i>Guide to Good Practices for Teamwork Training and Diagnostic Skills Development</i> (replaced DOE-STD-1007-92)
DOE-HDBK-1203-97	John Yoder	<i>Guide to Good Practices for Training of Technical Staff and Managers</i> (replaced DOE-STD-1008-92)
DOE-HDBK-1204-97	John Yoder	<i>Guide to Good Practices for Development of Test Items</i> (replaced DOE-STD-1009-92)
DOE-HDBK-1205-97	John Yoder	<i>Guide to Good Practices for the Design, Development, and Implementation of Examinations</i> (replaced DOE-STD-1011-92)
DOE-HDBK-1206-98	John Yoder	<i>Guide to Good Practices for On-the-Job Training</i> (replaced DOE-STD-1012-92)

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Standard Identifier	Author	Document Title
<b><u>STANDARDS</u></b>		
DOE-STD-1020-2002	Harish Chander	<i>Natural Phenomena Hazards Design &amp; Evaluation Criteria for Department of Energy Facilities</i>
DOE-STD-1021-93 (CH-1)	Harish Chander	<i>Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, &amp; Components</i>
DOE-STD-1022-94 (CH-1)	Harish Chander	<i>Natural Phenomena Hazards Characterization Criteria</i>
DOE-STD-1023-95 (CH-1)	Harish Chander	<i>Natural Phenomena Hazards Assessment Criteria</i>
DOE-STD-1027-92	Richard Stark	<i>Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports</i>
DOE-STD-1029-92 (CH-1)	Maggie Sturdivant/ Earl Carnes	<i>Writer's Guide for Technical Procedures</i>
DOE-STD-1030-96 (CH-1)	Harish Chander	<i>Guide to Good Practices for Lockouts and Tagouts</i> (reaffirmed October 2001)
DOE-STD-1031-92 (CH-1)	Harish Chander	<i>Guide to Good Practices for Communications</i> (reaffirmed October 2001)
DOE-STD-1032-92 (CH-1)	Harish Chander	<i>Guide to Good Practices for Operations Organization and Administrations</i> (reaffirmed October 2001)
DOE-STD-1033-92 (CH-1)	Harish Chander	<i>Guide to Good Practices for Operations and Administration Updates through Required Reading</i> (reaffirmed October 2001)
DOE-STD-1034-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Timely Orders to Operators</i> (reaffirmed October 2001)
DOE-STD-1035-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Logkeeping</i> (reaffirmed October 2001)
DOE-STD-1036-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Independent Verification</i> (reaffirmed October 2001)
DOE-STD-1037-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Operations Aspects of Unique Processes</i> (reaffirmed October 2001)
DOE-STD-1038-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Operations Turnover</i> (reaffirmed October 2001)
DOE-STD-1039-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Control of Equipment and Systems Status</i> (reaffirmed October 2001)

# Office of Nuclear and Facility Safety Standards

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DOE-STD-1040-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Control of On-Shift Training</i> (reaffirmed October 2001)
DOE-STD-1041-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Shift Routines and Operating Practices</i> (reaffirmed October 2001)
DOE-STD-1042-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Control Area Activities</i> (reaffirmed October 2001)
DOE-STD-1043-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Operator Aid Posting</i> (reaffirmed October 2001)
DOE-STD-1044-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Equipment and Piping Labeling</i> (reaffirmed October 2001)
DOE-STD-1045-93 (CH-1)	Harish Chander	<i>Guide to Good Practices for Notification and Investigation of Abnormal Events</i> (reaffirmed October 2001)
DOE-STD-1066-99	Jim Bisker	<i>Fire Protection Design Criteria</i> (replaced DOE-STD-1066-97)
DOE-STD-1070-94	John Yoder	<i>Guidelines for Evaluation of Nuclear Facility Training Programs</i> , June 1994 (reaffirmed April 1999)
DOE-STD-1073-93	Mary Haughey	<i>Guide for Operational Configuration Management Program, Including the Adjunct Programs of Design Reconstitution And Material Condition and Aging</i>
DOE-STD-1082-94	Mary Haughey	<i>Preparation, Review, and Approval of Implementation Plans for Nuclear Safety Requirements</i>
DOE-STD-1083-95	Mary Haughey	<i>Requesting and Granting Exemptions to Nuclear Safety Rules</i>
DOE-STD-1090-01	Pat Finn	<i>Hoisting and Rigging</i> (superseded DOE-STD-1090-96)
DOE-STD-1091-96	Patrick Tran	<i>Firearms Safety</i>
DOE-STD-1104-96	Richard Englehart	<i>DOE Standard Review and Approval of Nonreactor Nuclear Facility Safety Analysis Reports</i>
DOE-STD-1135-99	Burt Rothleder	<i>Guidance for Nuclear Criticality Safety Engineer Training and Qualification</i>
DOE-STD-1137-2000	M. Norman Schwartz	<i>Fire Protection Engineering Functional Area Qualification Standard</i>
DOE-STD-1138-2000	M. Norman Schwartz	<i>Industrial Hygiene Functional Area Qualification Standard</i>

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Standard Identifier	Author	Document Title
DOE-STD-3007-93 (CH-1)	Burt Rothleder	<i>Guidelines for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities</i>
DOE-STD-3009-94 (CH-1)	Richard Englehart	<i>Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Safety Analysis Reports</i>
DOE-STD-3011-94 (CH-1)	Richard Englehart	<i>DOE Standard Guidance for Preparation of DOE 5480.22(TSR) and DOE 5480.23 (SAR) Implementation Plans</i>
DOE-STD-3020-97	M. Norman Schwartz and Jacques Read	<i>Specifications for HEPA Filters Used by and DOE Contractors</i>
DOE-STD-3022-98	M. Norman Schwartz and Jacques Read	<i>DOE Standard DOE HEPA Filter Test Program</i>
DOE-STD-3025-99	M. Norman Schwartz and Jacques Read	<i>DOE Standard Quality Assurance Inspection and Testing of HEPA Filters</i>
DOE-STD-3026-99	M. Norman Schwartz and Jacques Read	<i>DOE Standard Filter Test Facility Quality and Program Plan</i>
DOE-STD-7501-99	W. Earl Carnes	<i>The DOE Corporate Lessons Learned Program</i> (superseded DOE-STD-7501-95)

### **LISTS**

DOE-TSL-1-99	Rick Serbu	<i>Department of Energy Standards Index</i> (superseded DOE-TSL-1-98)
DOE-TSL-2-98	Rick Serbu	<i>Directory of Points of Contact for the DOE Technical Standards Program</i>
DOE-TSL-4-99	Rick Serbu	<i>Directory of DOE and Contractor Personnel Involved in Non-Government Standards Activities</i> (superseded STL-4-98)